
CHEMICAL FALLOW WITH MATRIX®

June 26, 2013

Situation: There is an increase in fallow acres this year in many areas of the Prairies, primarily due to early spring rains and resulting wet fields that could not be seeded. The challenge is to manage weeds in fallow fields this year in a way that minimizes soil erosion while conserving moisture and nutrients for next year's crop.

Solution: Use Matrix alone or as a tank mix partner in chemical fallow, for excellent control of a broad range of perennial and annual weeds.

Benefits:

1. Excellent, Broad Spectrum Weed Control:

- Outstanding control of several tough winter annual and annual weeds such as: Stinkweed, flixweed, wild oats, kochia, and wild buckwheat.
- Good control of perennials such as quackgrass, Canada thistle, dandelion, and foxtail barley.

2. Conserve Soil, Moisture, and Nutrients:

- Reduces risk of soil erosion and conserve moisture and nutrients.
- Good head start for next year's crop with weed free field next Spring.

Tips:

1. Select the Correct Rate of Matrix:

- Rates of less than 0.3 L/ac are most economical and can be used for a range of annual grass and broadleaved weeds, and quackgrass. Target lighter infestations and smaller weeds. Use a non-ionic surfactant such as Ag-Surf II.
- Higher rates (0.3 to 1.1 L/ac or more) should be used for tougher annual weeds, perennials, and for heavier infestations and larger weeds.

2. Target the Proper Weed Stage:

- Smaller weeds are more susceptible to Matrix. For example target, volunteer canola (non-glyphosate tolerant) at < 4 leaf stage and dandelion < 6 inches in diameter. Foxtail barley should be sprayed prior to seed-head initiation.

3. Tank Mixtures:

- You may need a tank mix partner if you have weeds not controlled by Matrix, such as volunteer herbicide tolerant (including glyphosate) canola. If so, ensure you select a herbicide partner. Labeled tank mix partners for volunteer glyphosate tolerant canola include: **2,4-D; MCPA; Brotex® 240** (Bromoxynil); and **Logic® M** (Bromoxynil/MCPA).

Always read and follow the current [Matrix](http://www.ipco.ca) label for directions (www.ipco.ca).

® Matrix, Brotex, Logic and the IPCO logo are registered trademarks of TMC Distributing Ltd.